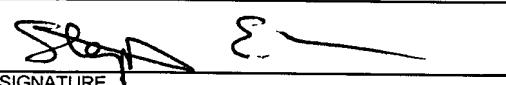


JC10 Rec'd PCT/PTO 23 OCT 2001

FORM PTO-1390 (Modified) (REV 5-93)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371			DALHO1340-1	
				U.S. APPLICATION NO. (If Known, see 37 CFR 1.12)
INTERNATIONAL APPLICATION NO. PCT/US00/10954		INTERNATIONAL FILING DATE 21 April 2000	Unknown 107019453	
PRIORITY DATE CLAIMED 23 April 1999				
TITLE OF INVENTION GENETICALLY ENGINEERED ORAL COMMENSAL ORGANISMS AS VACCINES				
APPLICANT(S) FOR DO/EO/US Song F. Lee and Scott A. Halperin				
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:				
1. <input checked="" type="checkbox"/>	This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.			
2. <input type="checkbox"/>	This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.			
3. <input checked="" type="checkbox"/>	This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).			
4. <input checked="" type="checkbox"/>	A proper Demand for International Preliminary Examination was made by the 19 th month from the earliest claimed priority date.			
5. <input checked="" type="checkbox"/>	A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau). <input type="checkbox"/> has been transmitted by the International Bureau. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)			
6. <input type="checkbox"/>	A translation of the International Application into English (35 U.S.C. 371(c)(2)).			
7. <input checked="" type="checkbox"/>	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau). <input type="checkbox"/> have been transmitted by the International Bureau. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. <input checked="" type="checkbox"/> have not been made and will not be made.			
8. <input type="checkbox"/>	A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).			
9. <input type="checkbox"/>	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).			
10. <input type="checkbox"/>	A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).			
11. <input checked="" type="checkbox"/>	Applicant claims small entity status under 37 CFR 1.27 .			
Items 12. to 17. below concern other document(s) or information included:				
12. <input type="checkbox"/>	An Information Disclosure Statement under 37 CFR 1.97 and 1.98.			
13. <input type="checkbox"/>	An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.			
14. <input type="checkbox"/>	A FIRST preliminary amendment. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.			
15. <input type="checkbox"/>	A substitute specification.			
16. <input checked="" type="checkbox"/>	A change of power of attorney and/or address letter.			
17. <input checked="" type="checkbox"/>	Other items or information: Postcard			

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.50) 10/019453		INTERNATIONAL APPLICATION NO. PCT/US00/10954				ATTORNEY'S DOCKET NUMBER DALHO1340-1	
18. <input checked="" type="checkbox"/> The following fees are submitted:						CALCULATIONS	PTO USE ONLY
Basic National Fee (37 CFR 1.492(a)(1)-(5): Search Report has been prepared by the EPO or JPO \$890.00							
International preliminary examination fee paid to USPTO (37 CFR 1.482) \$710.00							
No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)) \$740.00							
Neither international preliminary examination fee (37 CFR 1.482) nor International search fee (37 CFR 1.445(a)(2)) paid to USPTO \$1,040.00							
International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4) \$100.00							
ENTER APPROPRIATE BASIC FEE AMOUNT =						\$710.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than 20 Months from the earliest claimed priority date (37 CFR 1.492(e))						\$130.00	
Claims	Number Filed	Included in Basic Fee	Extra Claims		Rate		
Total Claims	35	-	20	= 15	× \$18.00	\$270.00	
Independent Claims	1	-	3	= 0	× \$84.00	\$0.00	
Multiple dependent claim(s) (if applicable)						\$280.00	
TOTAL OF ABOVE CALCULATIONS =						\$1,110.00	
Reduction by ½ for filing by small entity, if applicable.						\$555.00	
SUBTOTAL =						\$555.00	
Processing fee of \$130.00 for furnishing English translation later the 20 months from the earliest claimed priority date (37 CFR 1.492(f)).						+ \$130.00	
TOTAL NATIONAL FEE =						\$555.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property						+ \$40.00	
TOTAL FEES ENCLOSED =						\$555.00	
						Amount to be: refunded \$	
						charged \$	
a. <input checked="" type="checkbox"/> A check in the amount of \$555.00 to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. <u>50-0872</u> in the amount of \$ _____ to the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>50-0872</u> . A duplicate copy of this sheet is enclosed.							
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.							
SEND ALL CORRESPONDENCE TO: Stephen E. Reiter Foley & Lardner P.O. Box 80278 San Diego, California 92138-6700							
 SIGNATURE NAME <u>STEPHEN E. REITER</u> REGISTRATION NUMBER <u>31,192</u>							
DATE <u>23 OCTOBER 2001</u>							

**DOCUMENT: Transmittal Letter to the United States
Designated/Elected Office (DO/EO/US)
Concerning a filing under 35 U.S.C. 371
With Request for Change of Correspondence
Address**
DOCKET NO.: DALHO1340-1
SERIAL NO. Based on PCT/US00/10954

CERTIFICATE OF MAILING BY EXPRESS MAIL

EXPRESS MAIL MAILING LABEL NUMBER: EL796239108US

DATE OF DEPOSIT: 23 October 2001

I HEREBY CERTIFY THAT THIS PAPER OR FEE IS BEING DEPOSITED
WITH THE UNITED STATES POSTAL SERVICE "EXPRESS MAIL POST
OFFICE TO ADDRESSEE" SERVICE UNDER 37 CFR 1.10 ON THE DATE
INDICATED ABOVE AND IS ADDRESSED TO THE ASSISTANT
COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231, BOX PCT.

Ruth Sabula
(Typed or Printed Name of Person Mailing Papers)

Ruth Sabula
Signature